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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/612,292

06/30/2003

Selim Aissi

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SCHWEGMAN, LUNDBERG & WOESSNER, P.A.  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402

EXAMINER

BADII, BEHRANG

ART UNIT

PAPER NUMBER

3694

MAIL DATE

DELIVERY MODE

06/19/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Supplemental  
Notice of Allowability**

Application No.

10/612,292

Examiner

BEHRANG BADII

Applicant(s)

AISSI, SELIM

Art Unit

3694

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/14/07.
2. ☒ The allowed claim(s) is/are 51, 52, 54-56 and 58.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Gregg A Peacock on 2/11/08.

The application has been amended as follows:

Claims 53 and 57 have been **cancelled**.

Claims 51, 54, 55 and 58 have been amended as follows:

Independent claim 51 has been amended to include claim 53 such as follows:

**51. (Currently Amended)** A machine-readable medium that provides instructions, which when executed by a wireless device, cause said machine to perform operations comprising:

selectively auditing a number of transactions between a wireless computing device and a server based on a type for the number of transactions, wherein selectively auditing of the number of transactions includes securely storing at least one attribute of selected audited transactions within the wireless computing device, wherein securely storing the at least one attribute of one of the selected audited transactions comprises:

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storing at least one attribute of the selected audited transaction into an audit log

into a memory in the wireless computing device;

encrypting the audit log based on an encryption key that is generated within the

wireless computing device and wherein the encryption key is stored within a memory within a cryptographic processing module of the wireless computing device;

generating an integrity metric of the audit log; and

generating a signature of the integrity metric with a signature key that is generated and stored within the wireless computing device

incrementing an audit counter; and

storing a value of the audit counter, the integrity metric and the signature in the audit log

storing the encrypted audit log in a memory of a cryptographic processing module in the wireless computing device which performed the encrypting, in response to a determination that an audit session that includes the number of audit transactions is a high-valued audit session

storing the encrypted audit log in a memory that is external to the cryptographic

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processing module, in response to a determination that the audit session is not a high-value audit session; and

the selectively auditing of the number of transactions includes opening an audit session upon receipt of one of the selected audited transactions, wherein securely storing the at least one attribute of one of the selected audited transactions includes storing at least one attribute of the selected audited transaction into an audit log into a memory in the wireless device.

Dependent claim 54 has been amended to depend on claim 51 such as follows:

**54. (Currently Amended)** The machine-readable medium of claim 51, wherein selectively auditing of the number of transactions further comprises:

closing the audit session; and

generating a hash of the audit log after the audit session is closed.

Independent claim 55 has been amended to include claim 57 such as follows:

**55. (Currently Amended)** A method comprising:

selectively auditing a number of transactions between a wireless computing device and a server based on a type for the number of transactions, wherein selectively auditing of the number of transactions includes securely storing at least one attribute of selected audited transactions within the wireless

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computing device, wherein securely storing the at least one attribute of one of the selected audited transactions comprises:

storing at least one attribute of the selected audited transaction into an audit log

into a memory in the wireless computing device;

encrypting the audit log based on an encryption key that is generated within the

wireless computing device and wherein the encryption key is stored within a memory within a cryptographic processing module of the wireless computing device;

generating an integrity metric of the audit log; and

generating a signature of the integrity metric with a signature key that is generated and stored within the wireless computing device

incrementing an audit counter; and

storing a value of the audit counter, the integrity metric and the signature in the audit log

storing the encrypted audit log in a memory of a cryptographic processing module in the wireless computing device which performed the encrypting, in

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response to a determination that an audit session that includes the number of audit transactions is a high-valued audit session,

storing the encrypted audit log in a memory that is external to the cryptographic processing module, in response to a determination that the audit session is not a high-value audit session; and,

the selectively auditing of the number of transactions includes opening an audit session upon receipt of one of the selected audited transactions, wherein securely storing the at least one attribute of one of the selected audited transactions includes storing at least one attribute of the selected audited transaction into an audit log into a memory in the wireless device.

Dependent claim 58 has been amended to depend on claim 55 such as follows:

**58. (Currently Amended)** The method of claim 55, wherein selectively auditing of the number of transactions further comprises:

closing the audit session; and

generating a hash of the audit log after the audit session is closed.

***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance:

The closest prior art of record is Ogg et al. USP 6,868,406. Ogg et al. discloses an on-line value bearing item (VBI) printing system that includes one or

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more cryptographic modules and a central database is disclosed. The cryptographic modules are capable of implementing the USPS Information Based Indicia Program Postal Security Device Performance Criteria and other required VBI standards. The modules encipher the information stored in the central database for all of the on-line VBI system customers and are capable of preventing access to the database by unauthorized users. Additionally, each cryptographic module is capable of providing audit support functions that enable secure logging of all sensitive actions.

In regards to claim 51 & 55, Ogg et al. taken either individually or in combination with other prior art of record fails to teach or suggest storing at least one attribute of the selected audited transaction into an audit log into a memory in the wireless computing device; encrypting the audit log based on an encryption key that is generated within the wireless computing device and wherein the encryption key is stored within a memory within a cryptographic processing module of the wireless computing device; generating an integrity metric of the audit log; and generating a signature of the integrity metric with a signature key that is generated and stored within the wireless computing device incrementing an audit counter; and storing a value of the audit counter, the integrity metric and the signature in the audit log storing the encrypted audit log in a memory of a cryptographic processing module in the wireless computing device which performed the encrypting, in response to a determination that an audit session that includes the number of audit transactions is a high-valued audit session, storing the encrypted audit log in a memory that is external to the cryptographic

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processing module, in response to a determination that the audit session is not a high- value audit session; and the selectively auditing of the number of transactions includes opening an audit session upon receipt of one of the selected audited transactions, wherein securely storing the at least one attribute of one of the selected audited transactions includes storing at least one attribute of the selected audited transaction into an audit log into a memory in the wireless device.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Behrang Badii whose telephone number is 571-272-6879. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**Any response to this action should be mailed to:**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**or faxed to (571)273-8300**

Hand delivered responses should be brought to

United States Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 3600 Customer Service Office whose telephone number is **(571) 272-3600**.

/BB/

  
PETER J. HAMMELL  
SUI EXAMINER  
TECHNOLOGY CENTER 3600